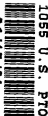


06/15/01



1055 U.S. PTO

06-18-01

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Approved for use through 10/31/2002. OMB 0651-0032
 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. CL1673 US NA

First Inventor ROBERT JOSEPH BOUCHARD

Title PROCESS FOR IMPROVING THE EMISSION OF ELECTRON FIELD
EMITTERS

Express Mail Label No. EF117002900US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
 2. ☐ Applicant claims small entity status.
 See 37 CFR 1.27.
 3. ☒ Specification [Total Pages 40]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table,
 or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
 4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 12]
 5. Oath or Declaration [Total Pages 1]
 a. ☐ Newly executed (original or copy)
 b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 c. ☐ DELETION OF INVENTOR(S)
*Signed statement attached deleting inventor(s)
 named in the prior application, see 37 CFR
 1.63(d)(2) and 1.33(b).*
 6. ☒ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

 Assistant Commissioner for Patents
 Box Patent Application
 Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or
 Computer Program *(Appendix)*
 8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 a. ☐ Computer Readable Form (CRF)
 b. Specification Sequence Listing on:
 i. ☐ CD-ROM or CD-R (2 copies); or
 ii. ☐ paper
 c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
 10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of
(when there is an assignee) Attorney
 11. ☐ English Translation Document *(if applicable)*
 12. ☐ Information Disclosure ☐ Copies of IDS
 Statement (IDS)/PTO-1449 Citations
 13. ☐ Preliminary Amendment
 14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
 15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
 16. ☐ Nonpublication Request under 35 U.S.C. 122
 (b)(2)(B)(i). Applicant must attach form PTO/SB/35
 or its equivalent.
 17. ☐ Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
 or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)
 Prior application information: Examiner _____

of prior application No. _____ / _____
 Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied
 under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.
 The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

23906

PATENT TRADEMARK OFFICE

or ☐ Correspondence address below

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

WILLIAM J. COTREAU

Registration No. (Attorney/Agent)

36,490

Signature

Date

June 15, 2001

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 amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO
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**FEE TRANSMITTAL
for FY 2001**

Patent fees are subject to annual revision.

Complete if Known

Application Number	
Filing Date	JUNE 15, 2001
First Named Inventor	ROBERT JOSEPH BOUCHARD
Examiner Name	
Group / Art Unit	
Attorney Docket No	CL1673 US NA

TOTAL AMOUNT OF PAYMENT (\$) 2460**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:
- Deposit Account Number: 04-1928
- Deposit Account Name: E. I. du Pont de Nemours and Company
- ☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:
☐ Check ☐ Credit card ☐ Money Order ☐ Other
FEE CALCULATION

1. BASIC FILING FEE				
Large Fee Code	Entity (\$)	Small Fee Code	Entity (\$)	Fee Description
101	710	201	355	Utility filing fee
106	320	206	160	Design filing fee
107	490	207	245	Plant filing fee
108	710	208	355	Reissue filing fee
114	150	214	75	Provisional filing fee
SUBTOTAL (1)				(\$ 710)

2. EXTRA CLAIM FEES

Total Claims	80	-20	=	60	Extra Claims	Fee from below	Fee Paid
Independent Claims	8	-3	=	5	X	18	= 1080
Multiple Dependent	1				X	270	= 270
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description			
103	18	203	9	Claims in excess of 20			
102	80	202	40	Independent claims in excess of 3			
104	270	204	135	Multiple dependent claim, if not paid			
109	80	209	40	** Reissue independent claims over original patent			
110	18	210	9	** Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2)				(\$ 1750)			

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES		Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Entity (\$)	Fee Code	Entity (\$)		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,380	218	690	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	130	123	130	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Sheet	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 006/20/2001 TGEDAHU1 00000025 041928 09882719
Sale Ref: 00000068 DAI: 041928 09882719

01 FC:101 710.00 CH

02 FC:102 400.00 CH

03 FC:103 1990.00 CH

04 FC:104 270.00 CH

Complete (if applicable)

SUBMITTED BY

Name (Print/Type)	WILLIAM J. COTREAU	Registration No. Attorney/Agent	36,490	Telephone	(302)982-4930
Signature	<i>WJ Cotreau</i>	Date	JUNE 15, 2001		

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